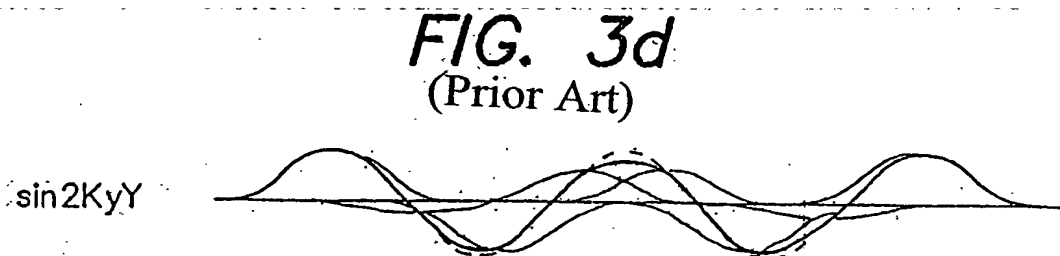
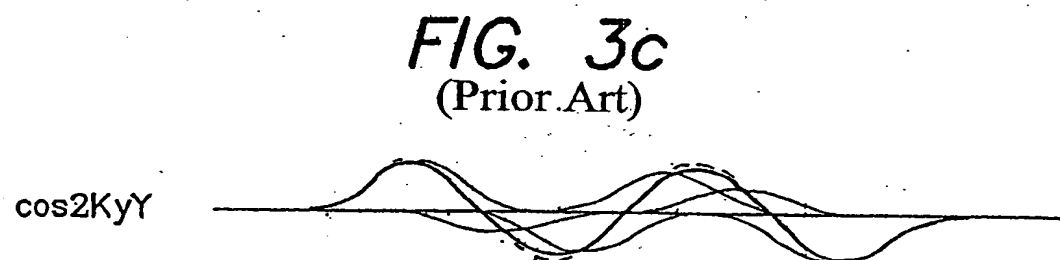
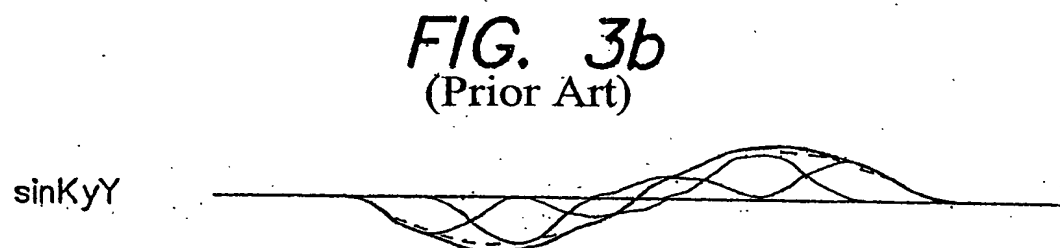
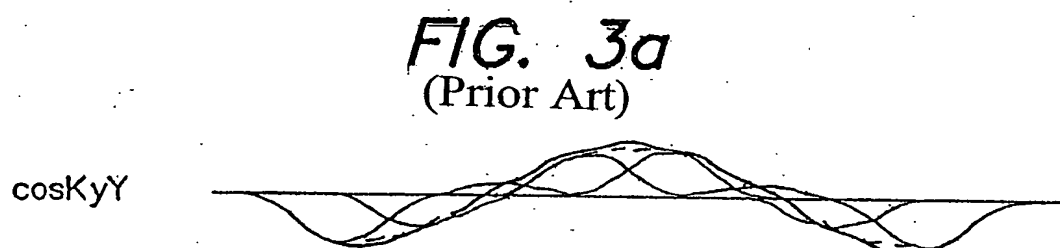
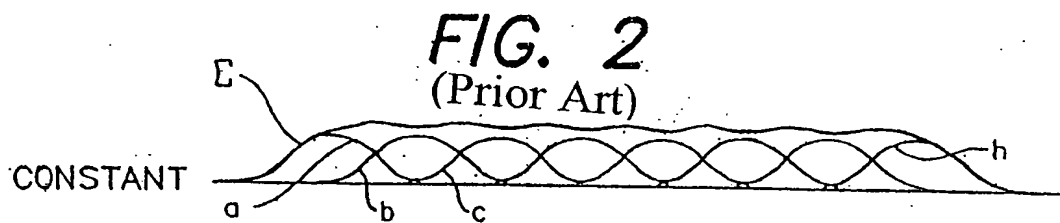
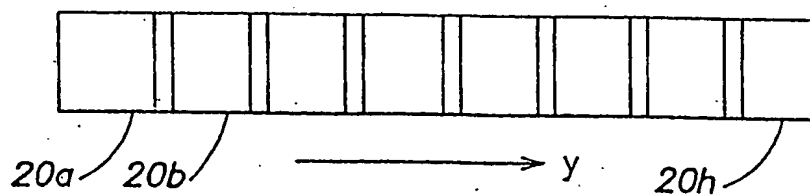


FIG. 1
(Prior Art)



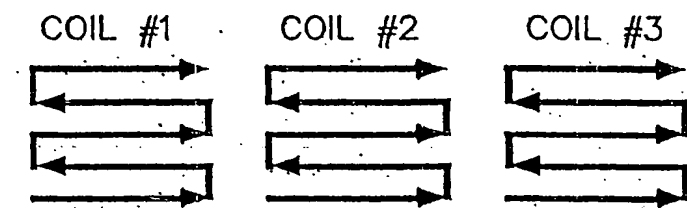


FIG. 4a
(Prior Art)

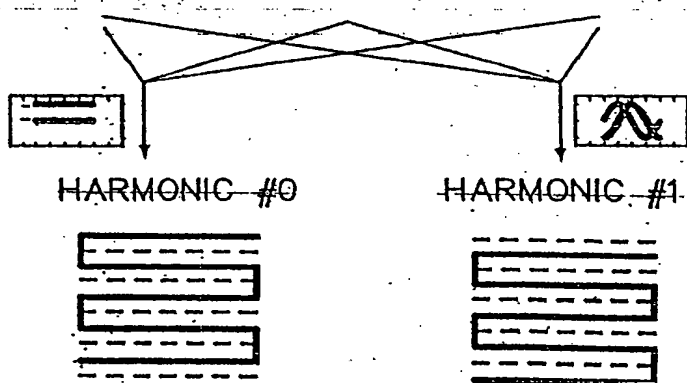


FIG. 4b
(Prior Art)

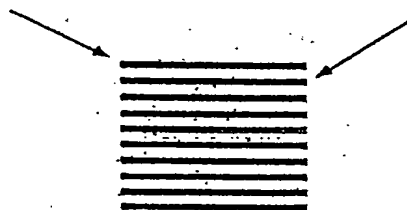


FIG. 4c
(Prior Art)

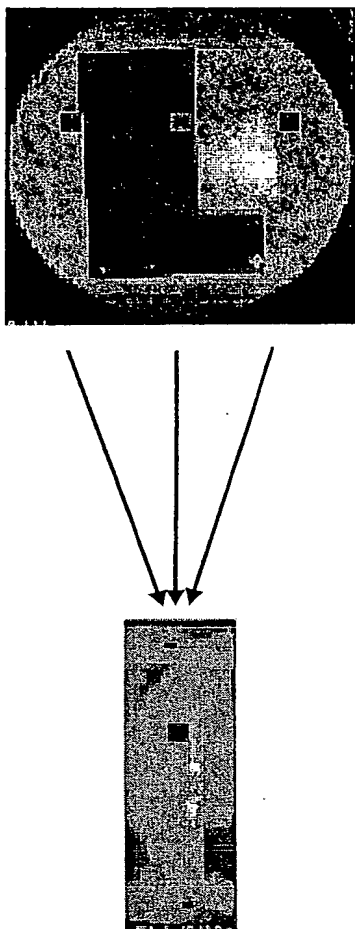


FIG. 5

FIG. 5a

COIL #1



COIL #2



COIL #3



FIG. 5b

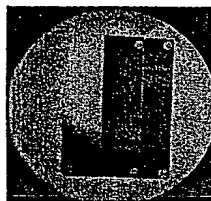
HARMONIC #0



HARMONIC #1



FIG. 5c



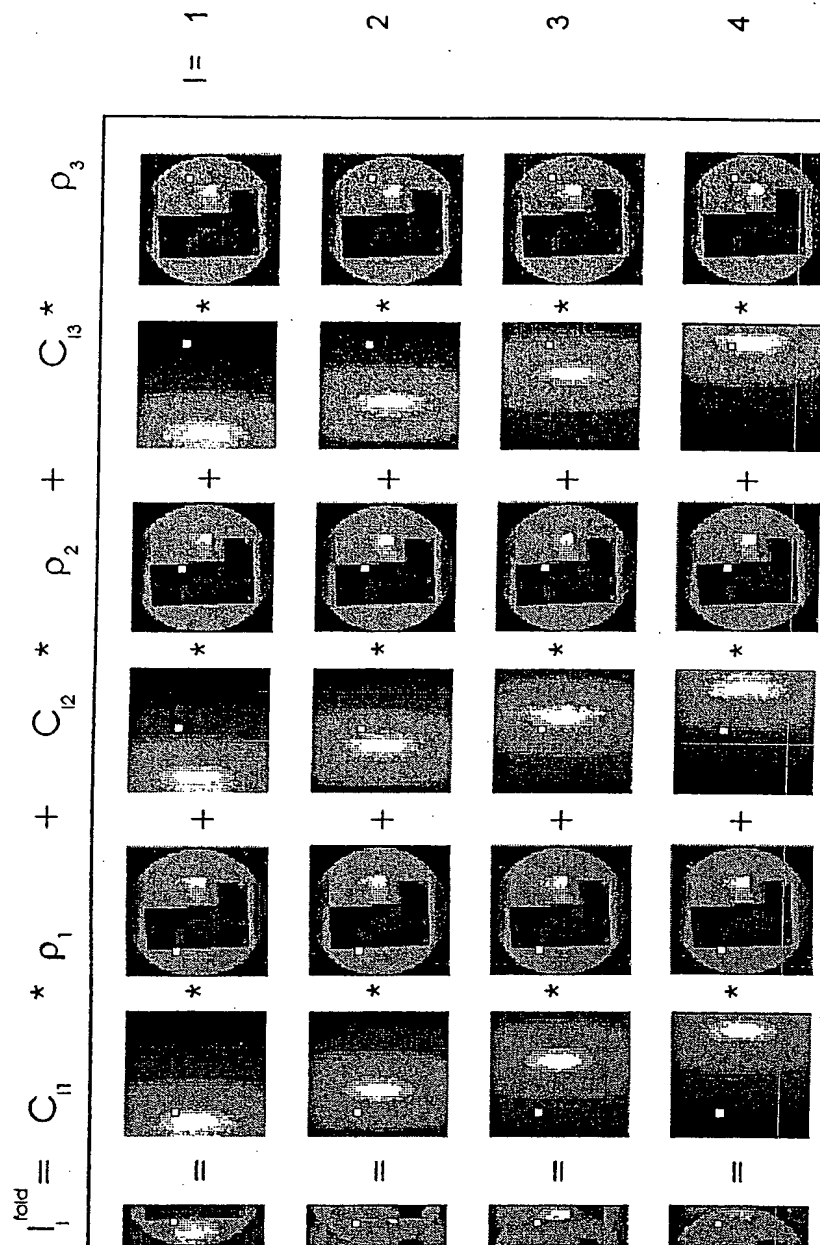


FIG. 6

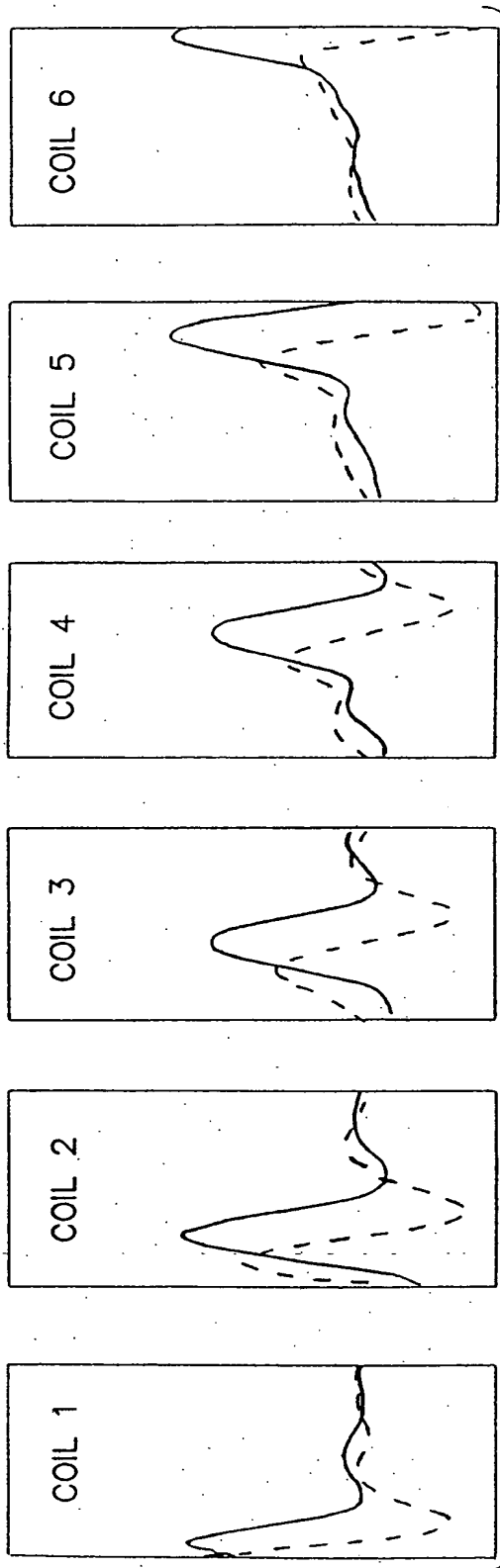


FIG. 7a

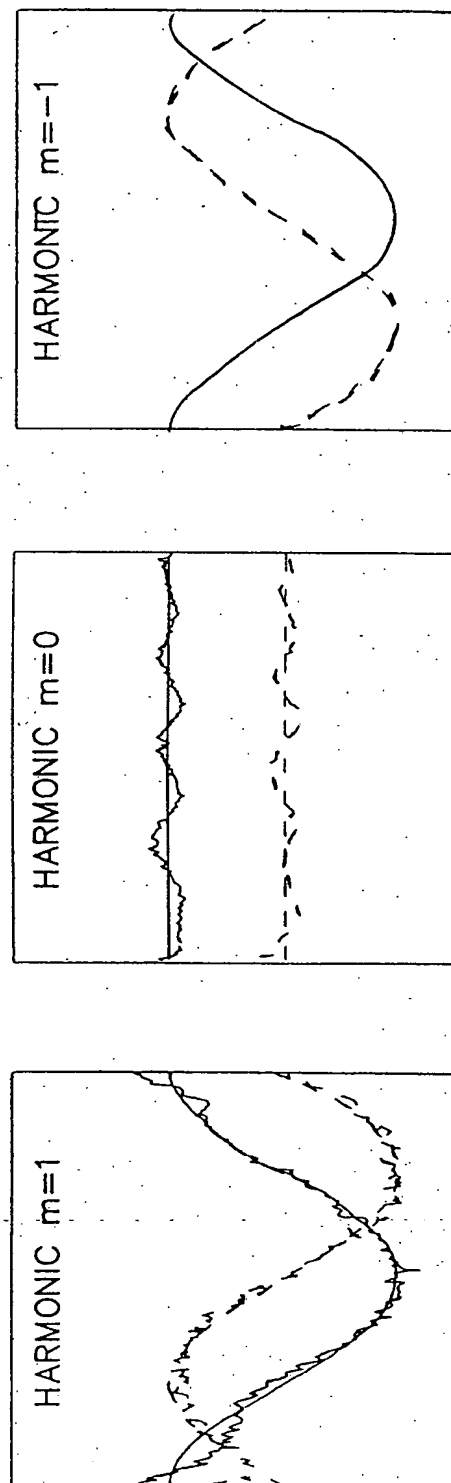


FIG. 7b

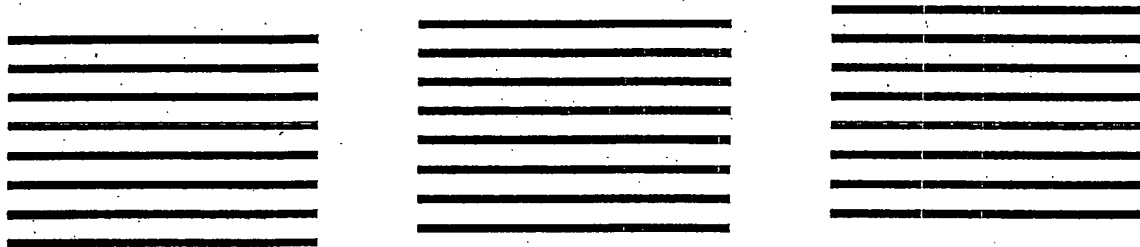
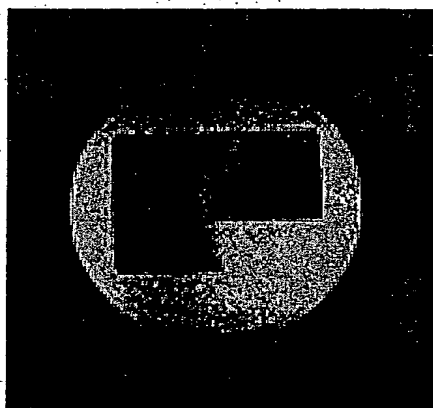


FIG. 7c

$$m = (1 \ 0)$$



$$m = (1 \ -0)$$

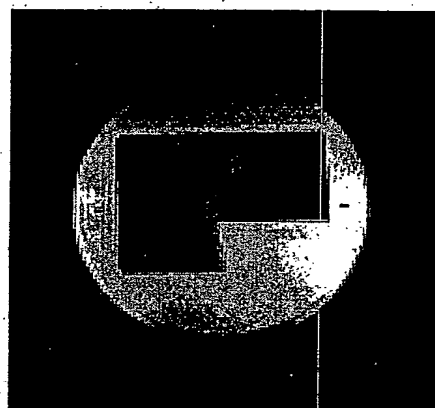


FIG. 7d

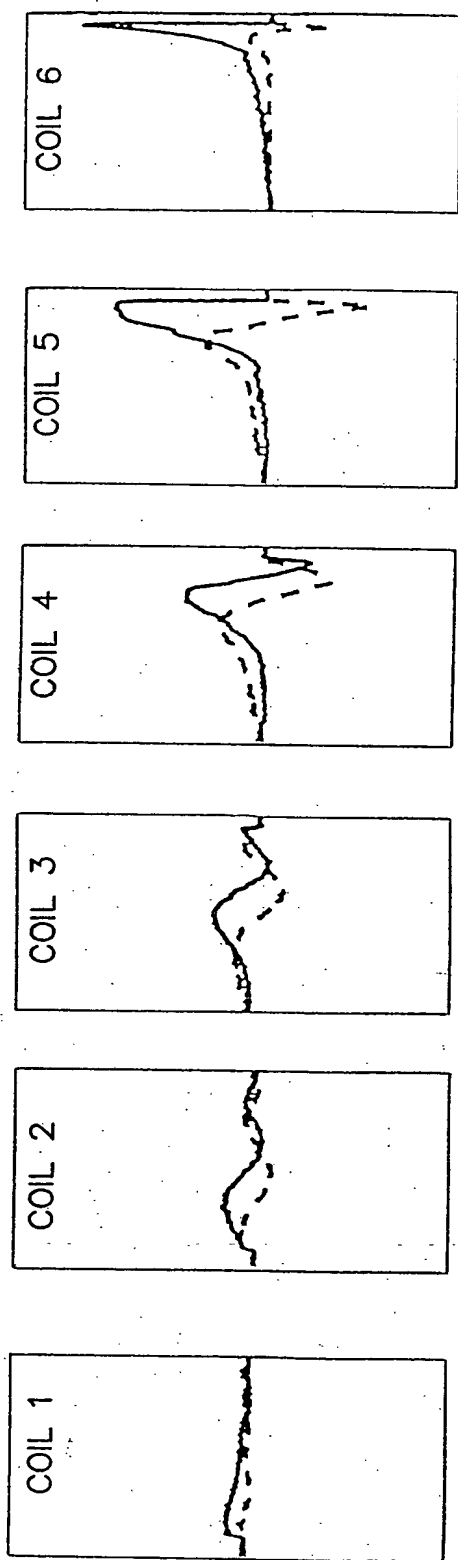


FIG. 8a

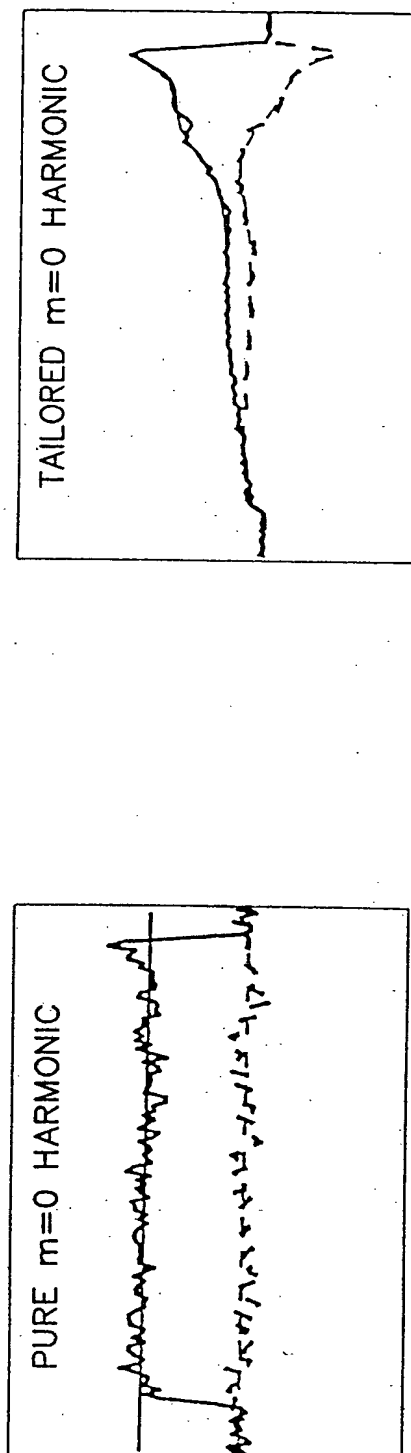


FIG. 8b

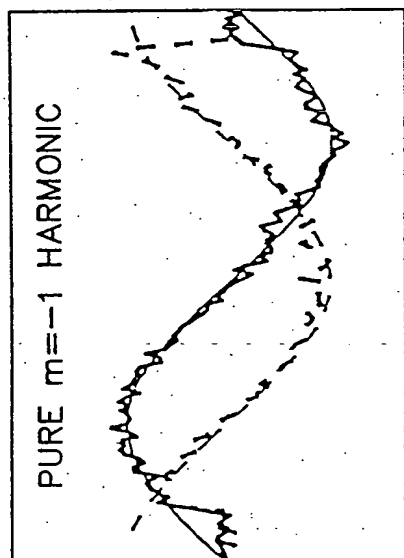
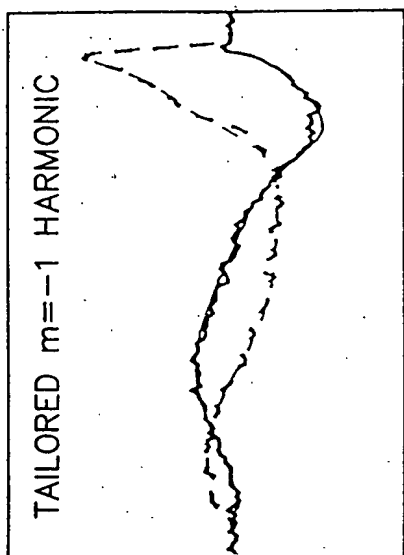
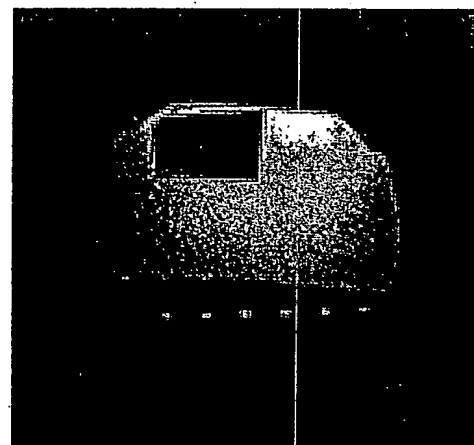


FIG. 8c

TAILORED $m=(0 -1)$ HARMONICS



PURE $m=(0 -1)$ HARMONICS

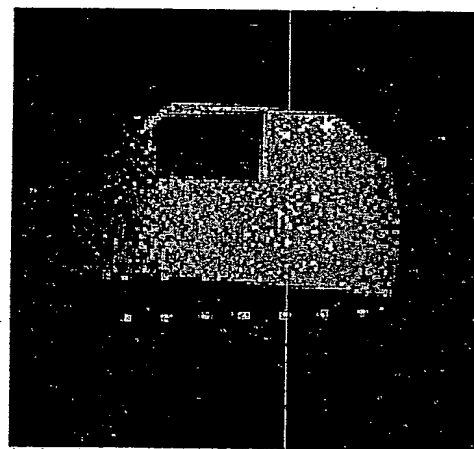


FIG. 8d

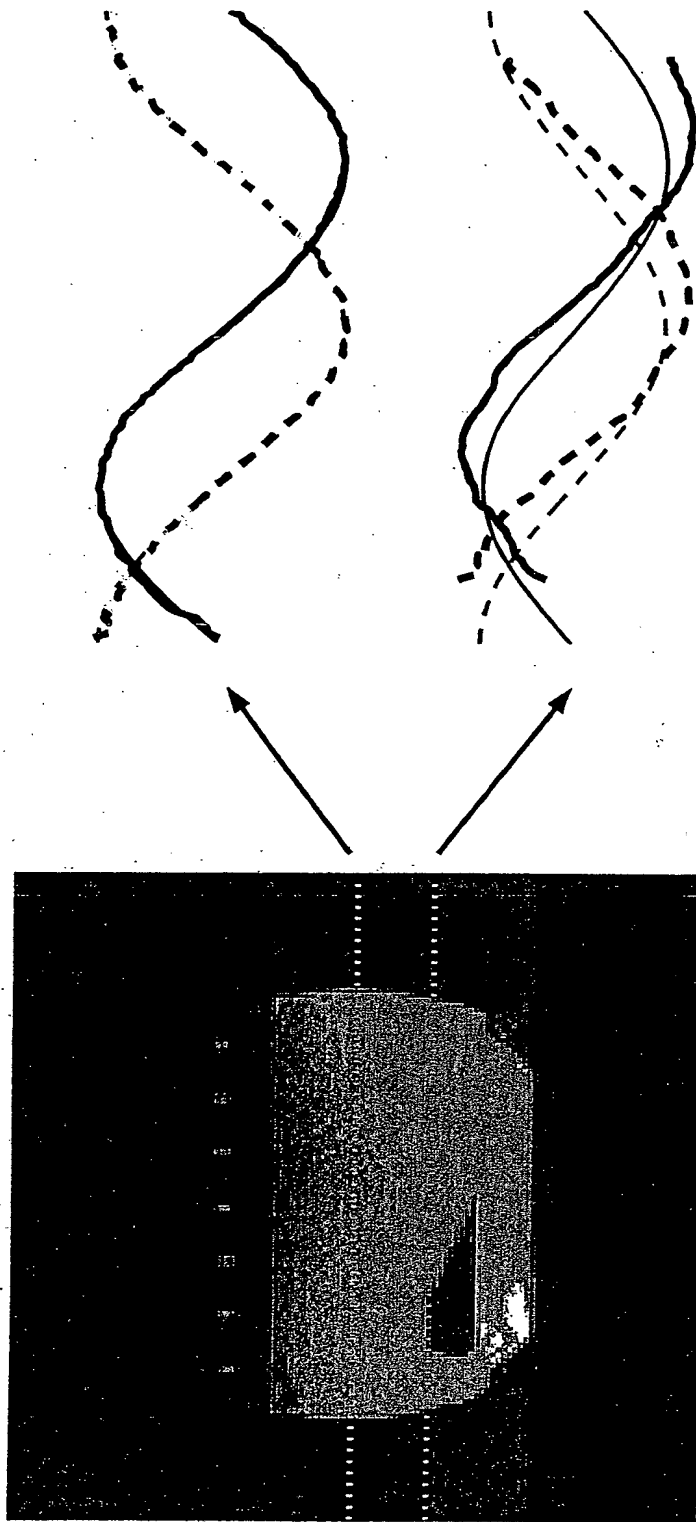


FIG. 9a

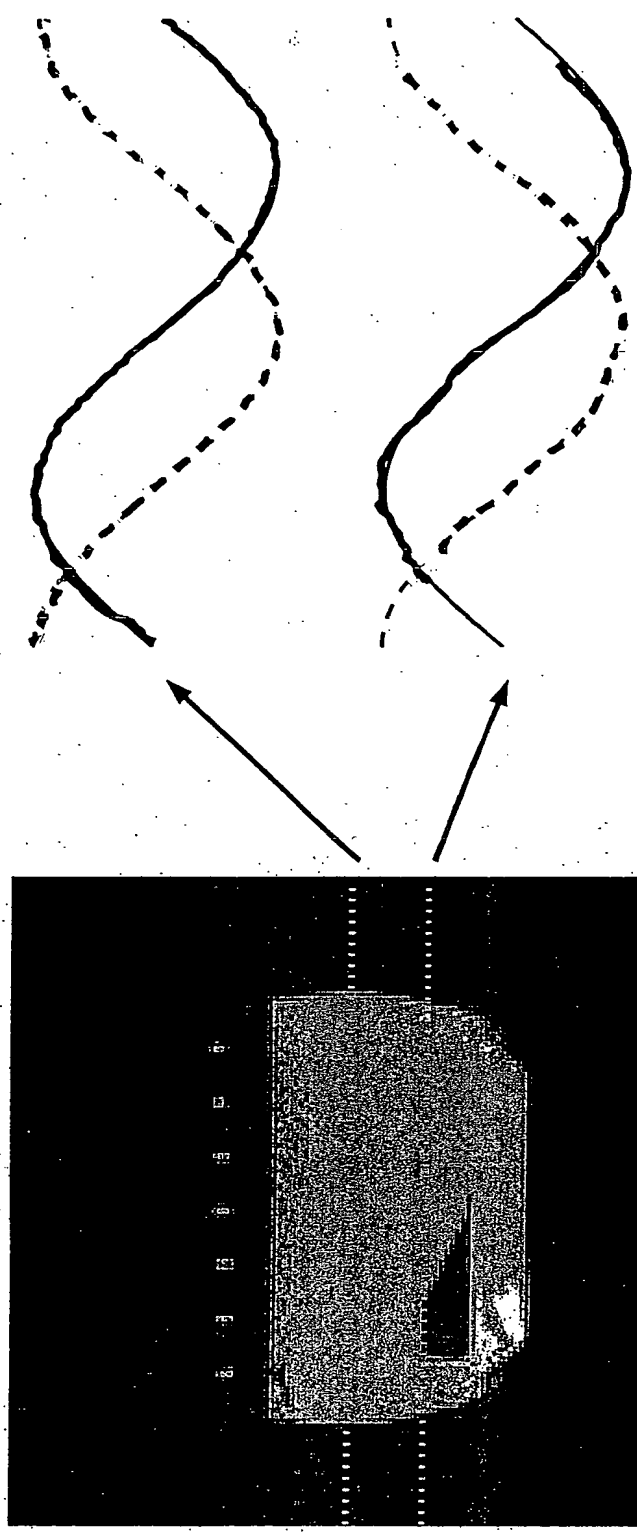


FIG. 9b

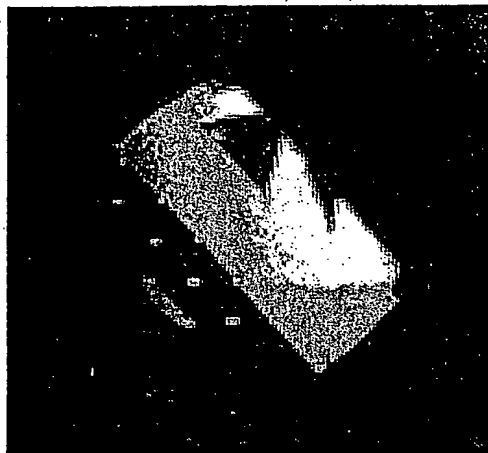


FIG. 10c

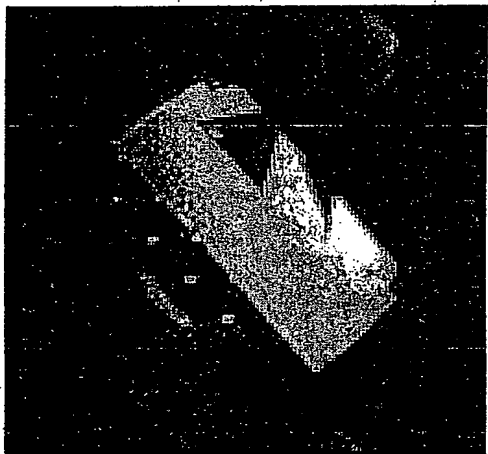


FIG. 10b

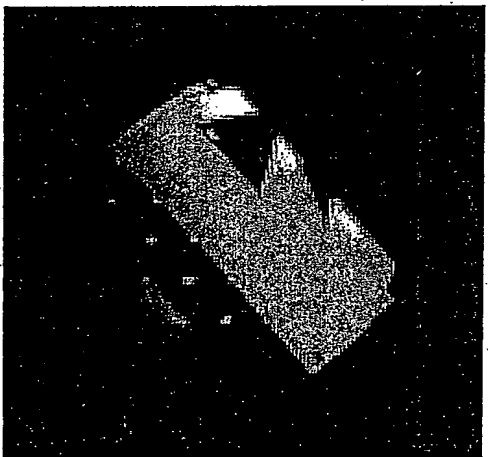


FIG. 10a

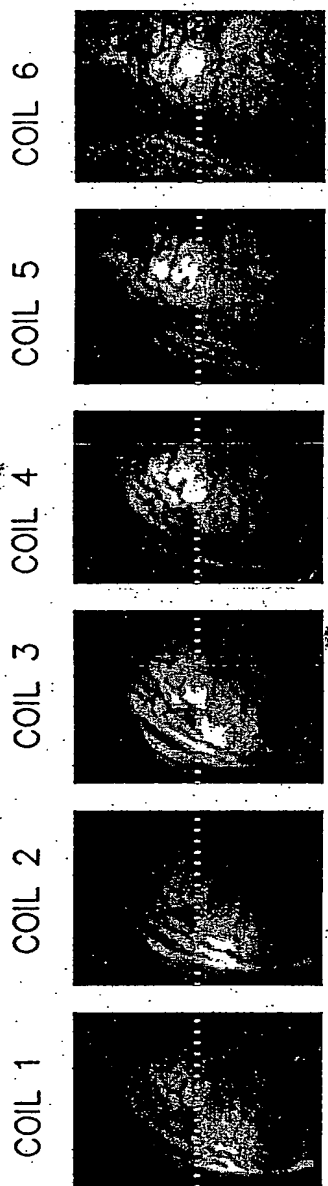


FIG. 11a

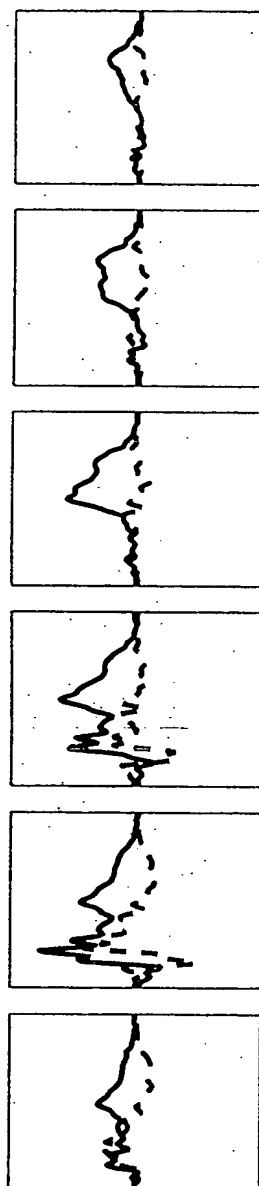


FIG. 11b

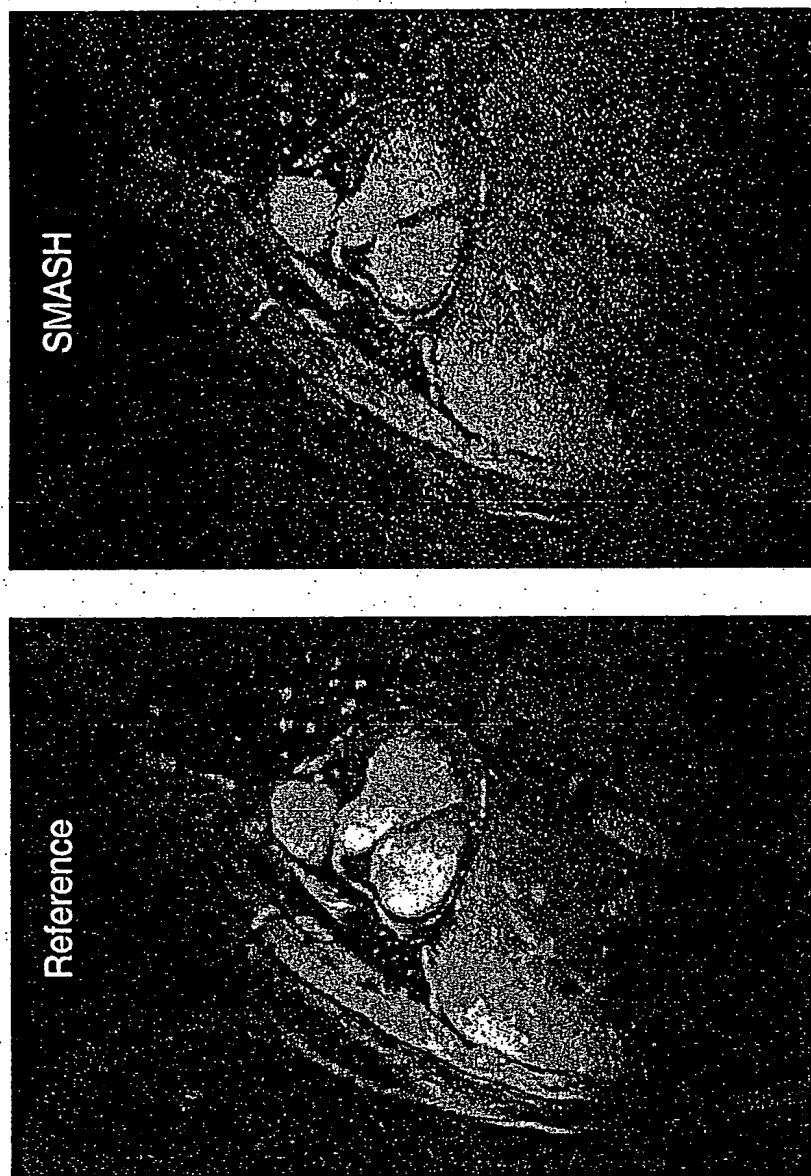


FIG. 11C

FIG. 12a



Sensitivity reference



FIG. 12b

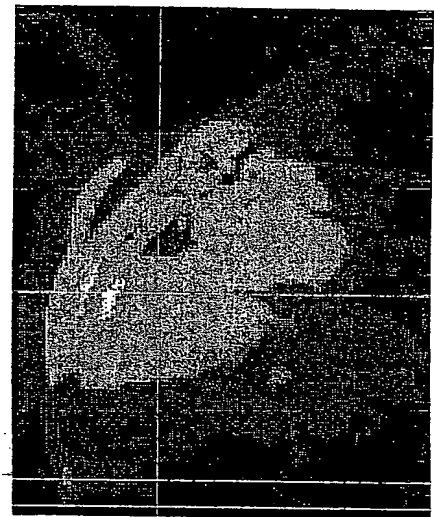


FIG. 12c

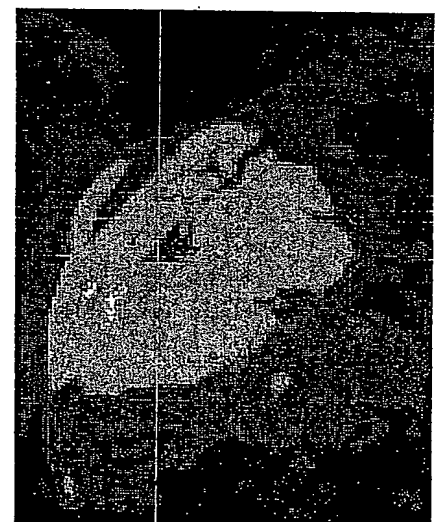




FIG. 13a



FIG. 13b



FIG. 13c

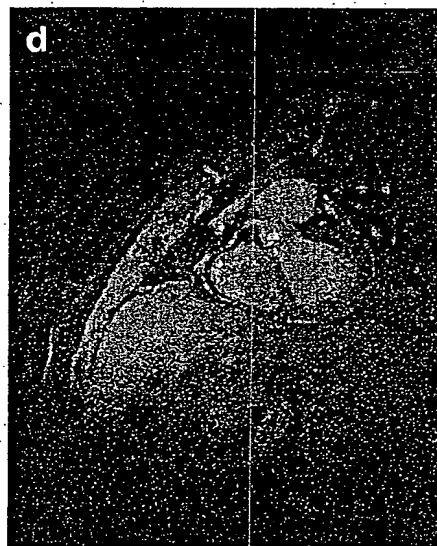


FIG. 13d



FIG. 13e

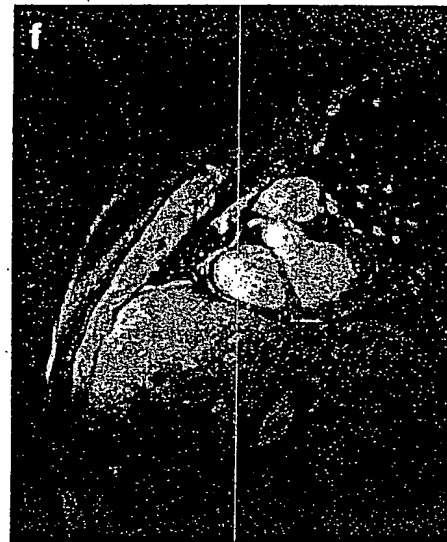


FIG. 13f

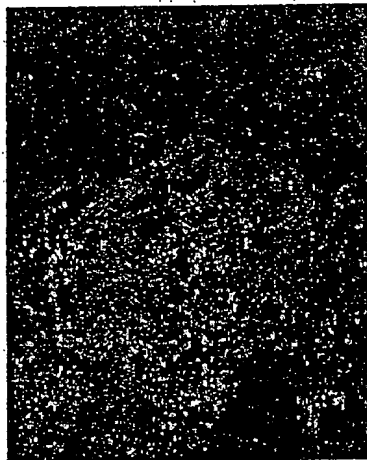


FIG. 14a

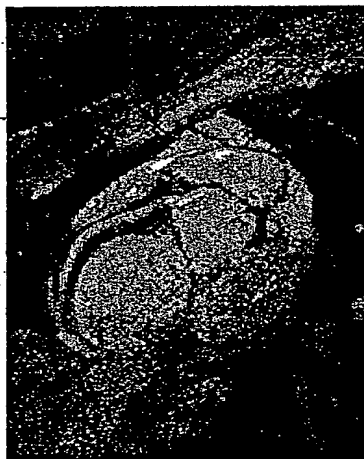


FIG. 14b

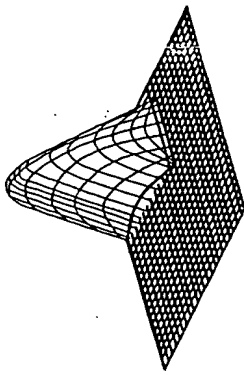
ENCODING FUNCTION

=

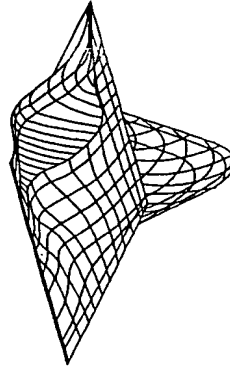
GRADIENT MODULATION

X

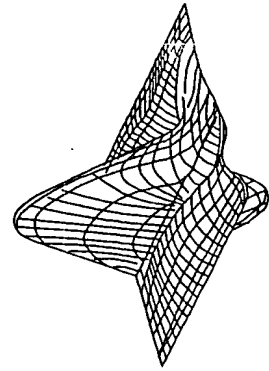
COIL SENSITIVITY MODULATION



$K_y = 0$



$K_y = 1$



$K_y = 2$

≡

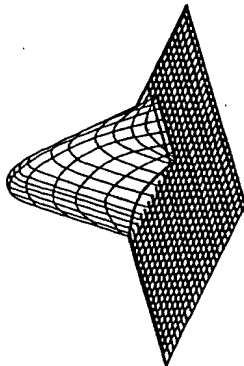
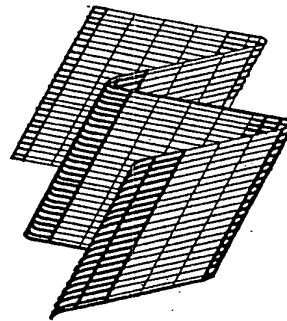
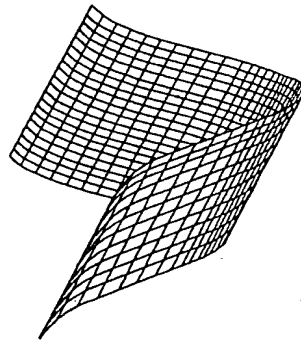
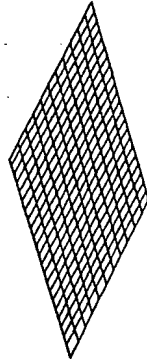


FIG. 15

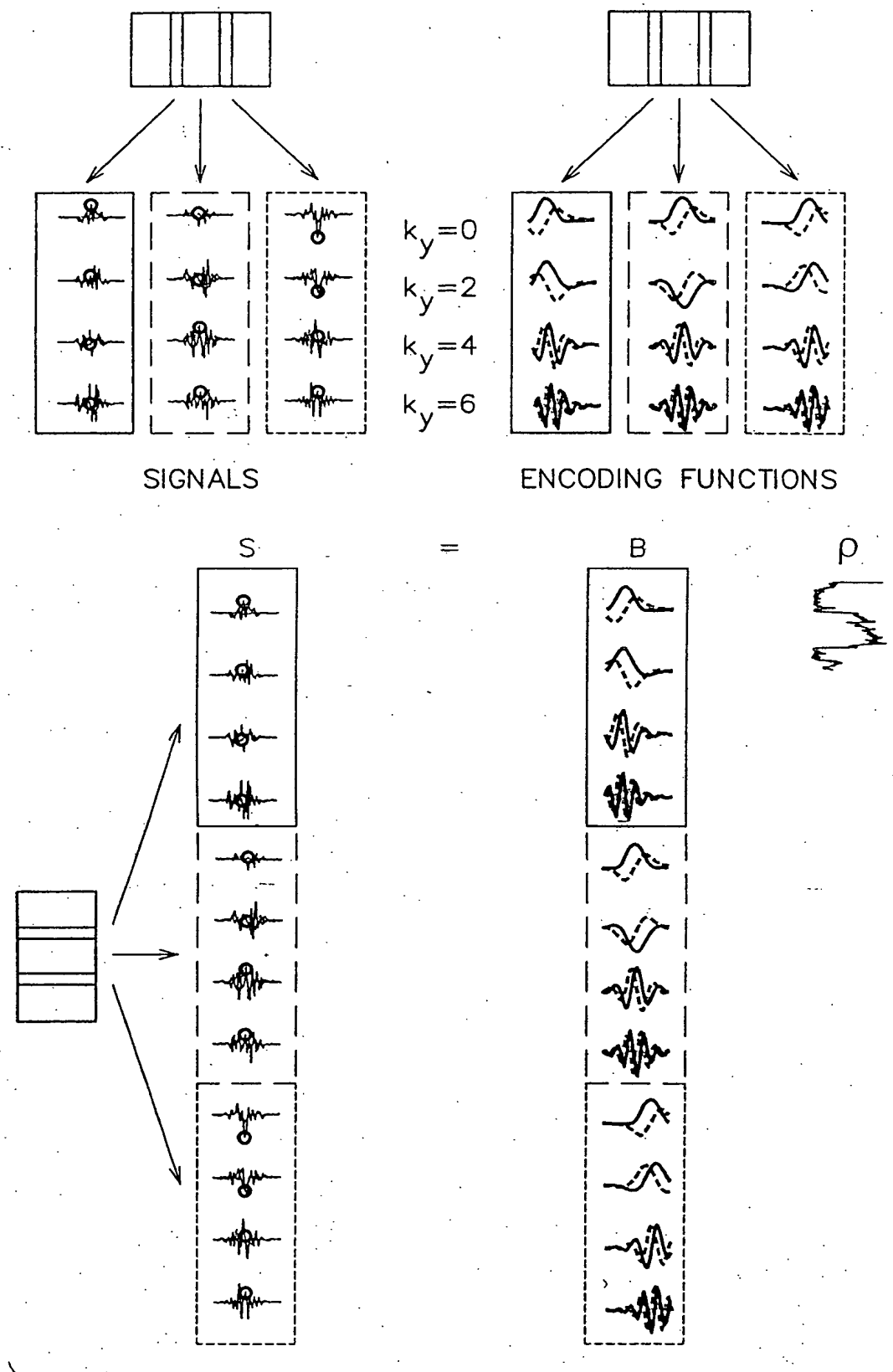


FIG. 16

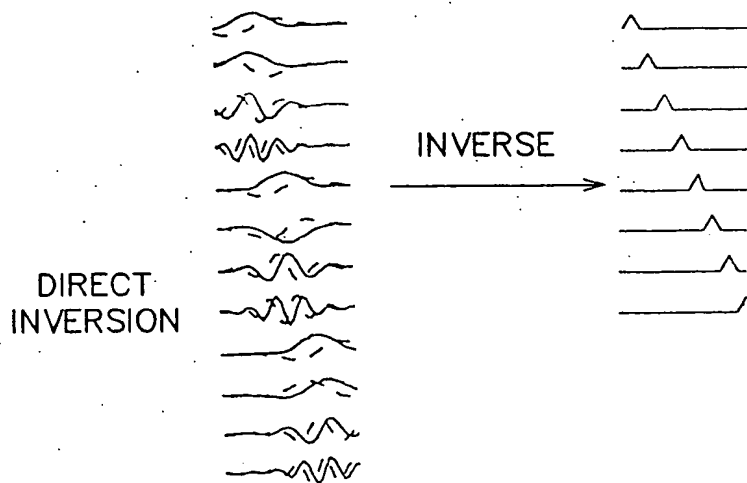


FIG. 17a

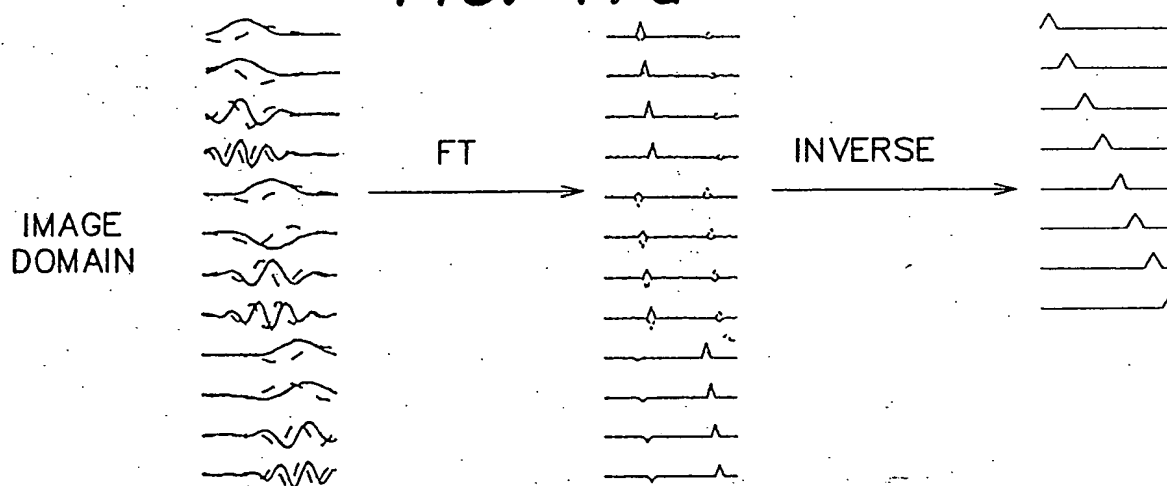


FIG. 17b

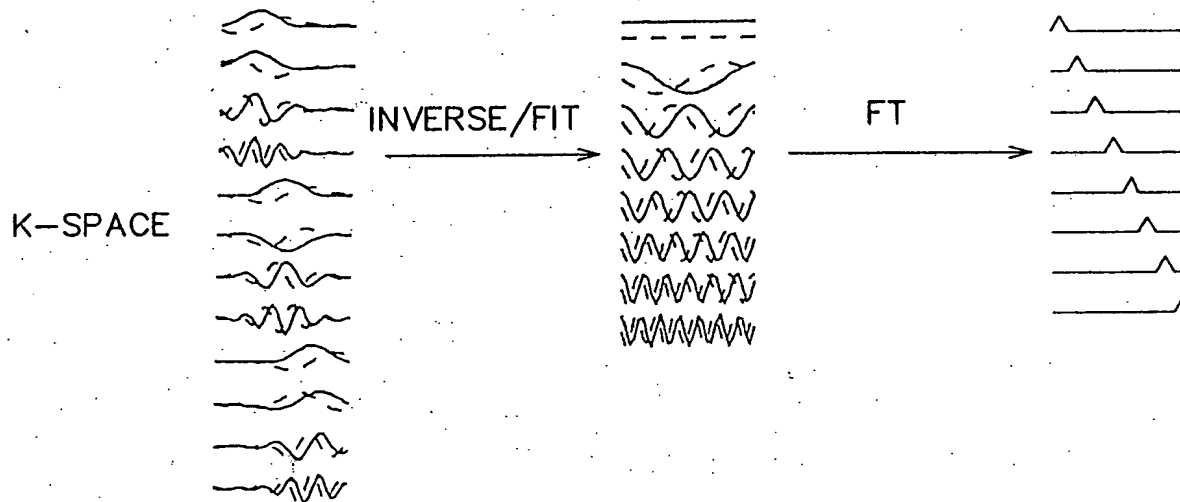


FIG. 17c

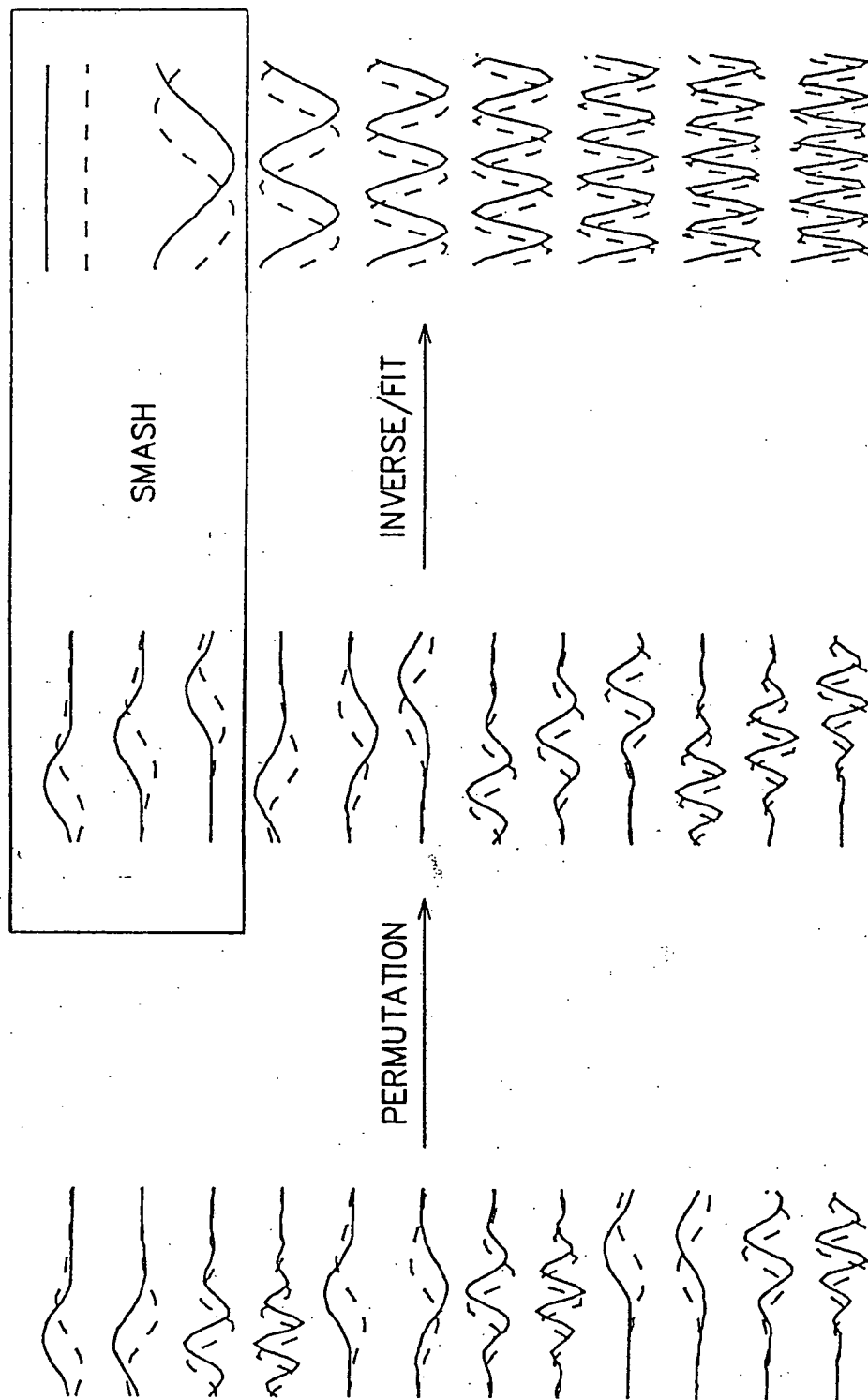


FIG. 18

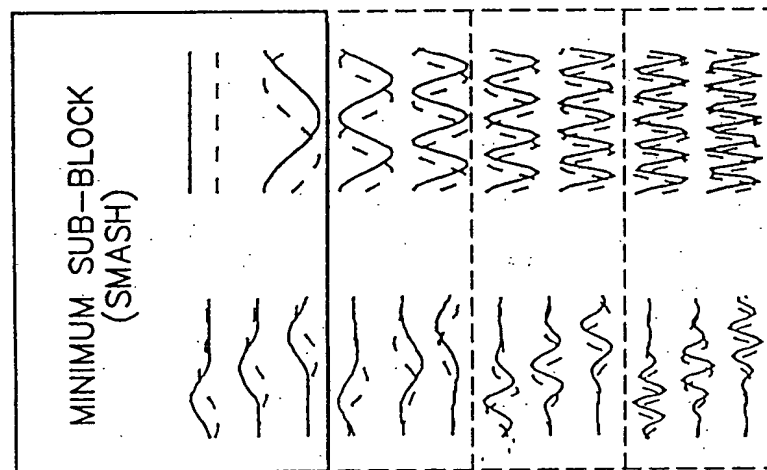
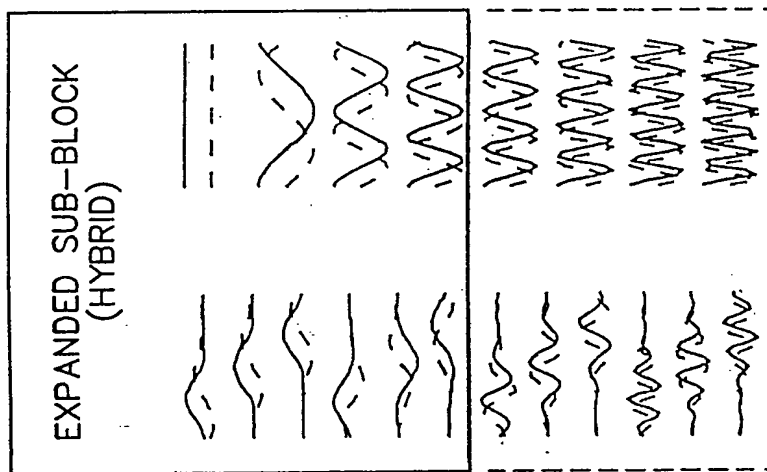
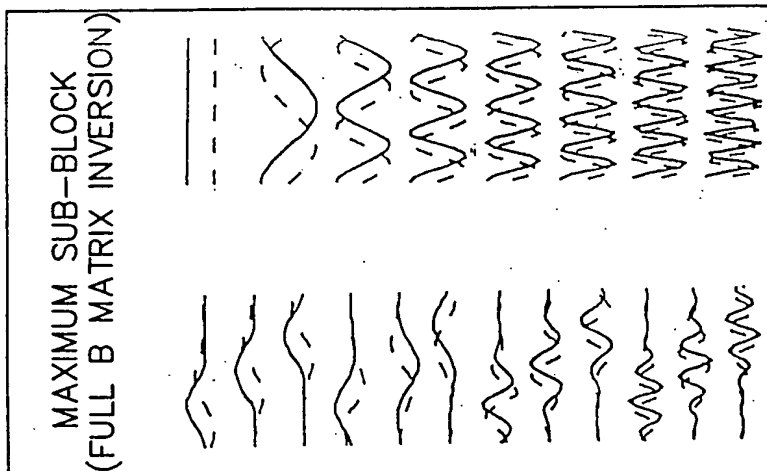


FIG. 19a

FIG. 19b

FIG. 19c

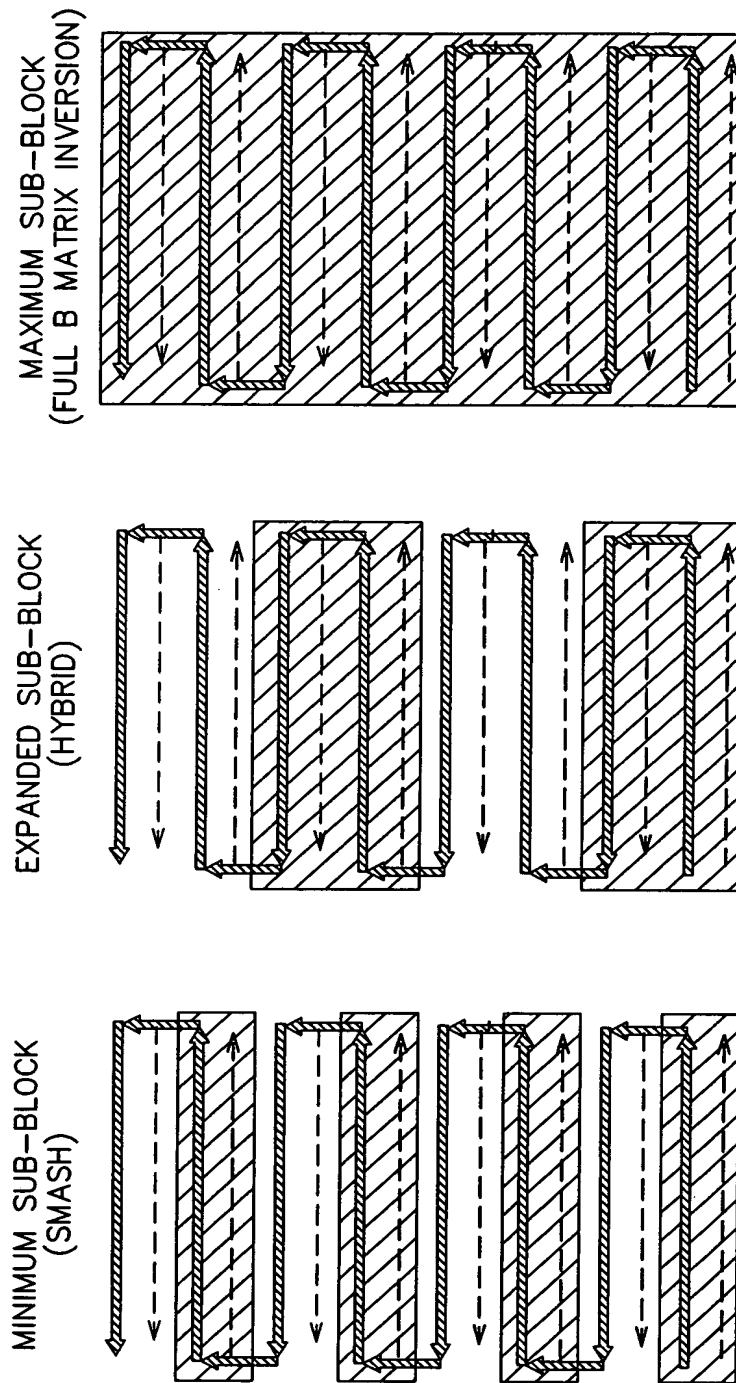


FIG. 20

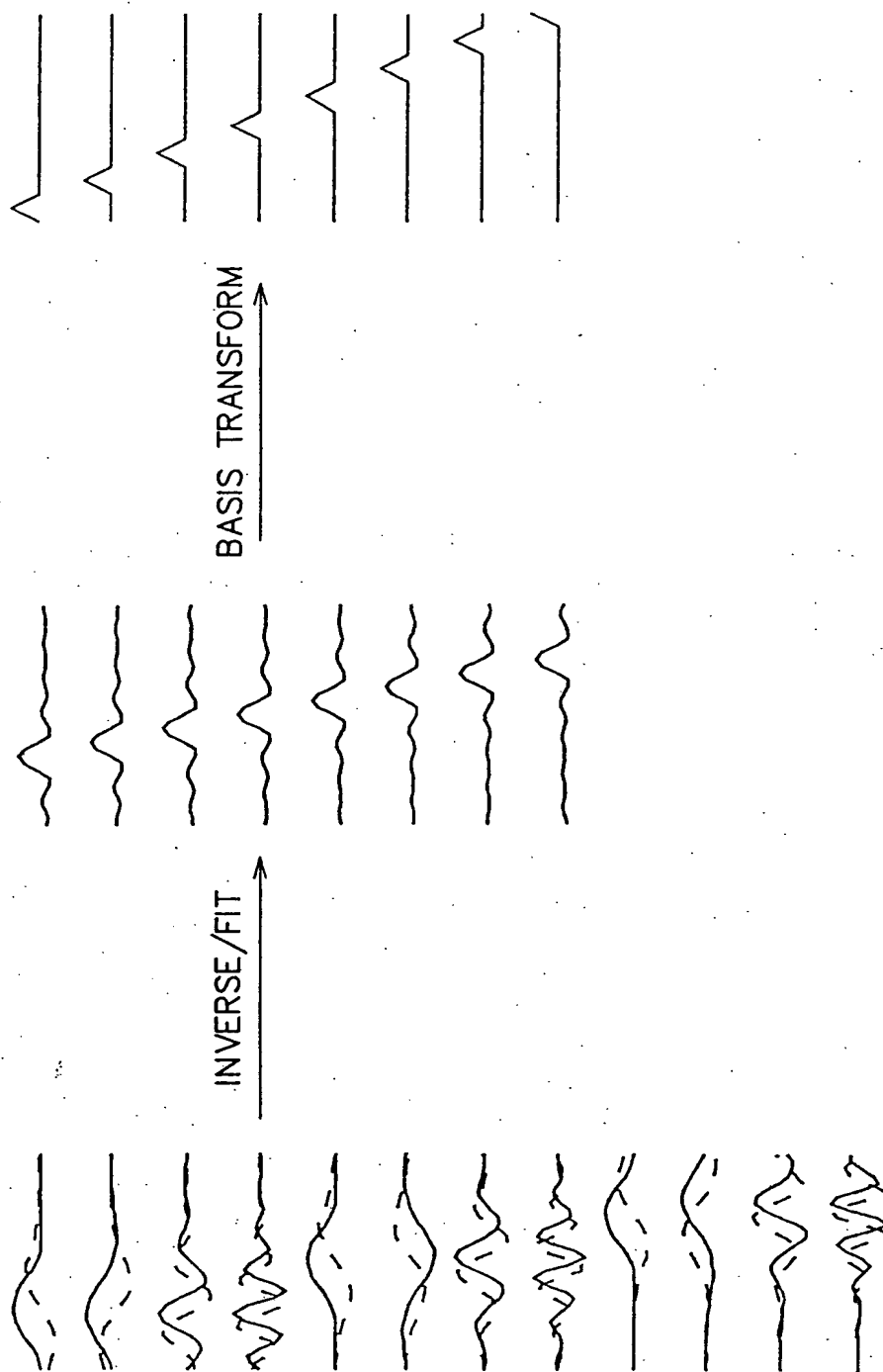


FIG. 21



FIG. 22a



FIG. 22b

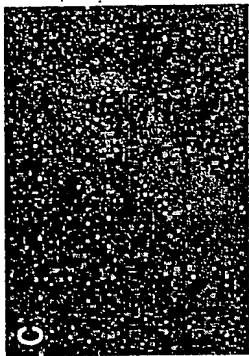


FIG. 22c



FIG. 22d



FIG. 22e

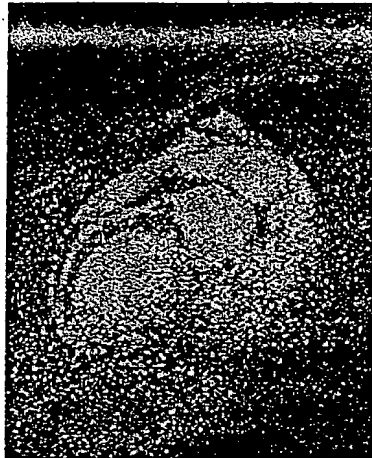


FIG. 23a

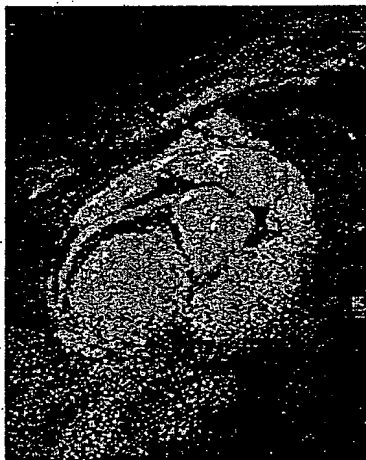


FIG. 23b

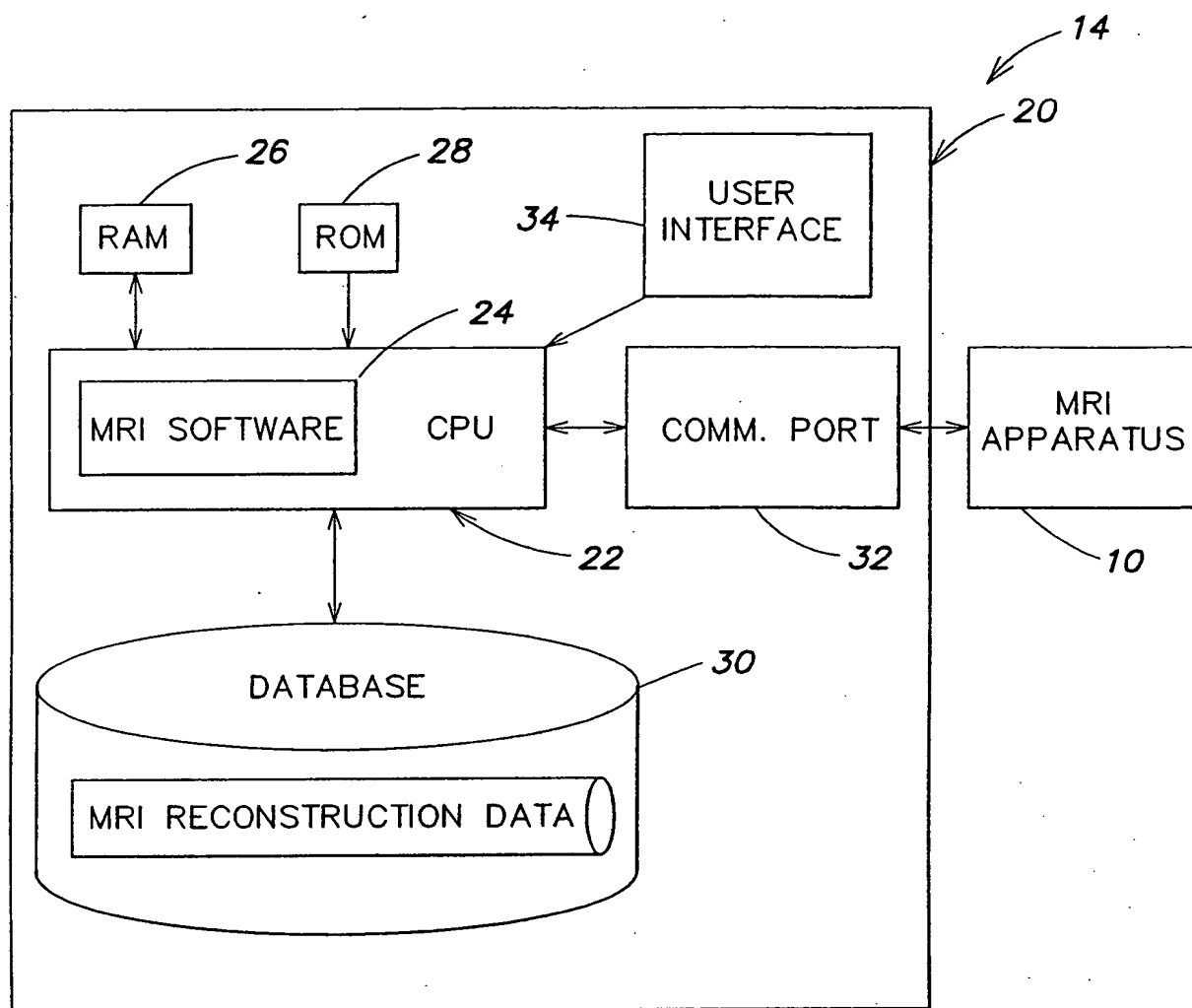


FIG. 24